

Title (en)

Thermoplastic elastomer composition method of preparation and moulded products thereof

Title (de)

Thermoplastische Elastomerezusammensetzung, Verfahren zu ihrer Formung und geformte Gegenstände davon

Title (fr)

Composition de thermoplastique élastomère, sa méthode de moulage et article moulé à partir de celle-ci

Publication

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Application

EP 01304842 A 20010601

Priority

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Abstract (en)

A thermoplastic elastomer composition, method of preparation, and article prepared therefrom. The thermoplastic elastomer composition comprising (A) a thermoplastic elastomer, (B) a thermoplastic resin which has Rockwell hardness (R scale) exceeding 80 at 25 DEG C, (C) a polydiorganosiloxane which has a Williams plasticity exceeding 100 at 25 DEG C; and (D) an inorganic fillerod

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- [Y] EP 0994151 A1 20000419 - DOW CORNING [US]
- [Y] DE 3715259 A1 19881117 - RIEXINGER BRIGITTE [DE]
- [A] US 4800124 A 19890124 - DAVIS JAMES H [GB], et al
- [A] US 5859172 A 19990112 - SAKASHITA TAKESHI [JP], et al
- [A] EP 0127320 A1 19841205 - RAYCHEM CORP [US]
- [A] WO 9945072 A1 19990910 - DOW CORNING [US]
- [A] EP 0651009 A1 19950503 - SUMITOMO BAKELITE CO [JP]

Cited by

US8058330B2; WO2007077908A1

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